Intel® Quick Start Kit v1.2 for Linux* Hardware Compatibility Matrix

Order Number: D20923-001

Revision History

Revision	Revision History	Date
1.0	Initial release of the Intel® Quick Start Kit v1.2 for Linux* Hardware Compatibility Matrix	July 2005

If an FCC declaration of conformity marking is present on the board, the following statement applies:

FCC Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For questions related to the EMC performance of this product, contact:

Intel Corporation
5200 N.E. Elam Young Parkway
Hillsboro, OR 97124
http://www.intel.com/

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit other than the one to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications to the equipment not expressly approved by Intel Corporation could void the user's authority to use the equipment.

Canadian Department of Communications Compliance Statement

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numerique német pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Réglement sur le broullage radioélectrique édicté par le ministére des Communications du Canada.

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Hyper-Threading Technology requires a computer system with an Intel® Pentium® 4 processor supporting Hyper-Threading Technology and an HT Technology enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. See http://www.intel.com/info/hyperthreading for more information including details on which processors support HT Technology.

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Introduction

The Hardware Compatibility Matrix (HCM) was developed to help you determine the hardware components and associated drivers to use when building a Linux* system based on an Intel® desktop board. The components and drivers in the HCM are supported by Intel® Quick Start Kit v1.2 for Linux for the Linux distributions listed. The HCM includes a Core Compatibility List (CCL) and a Reference Lists for each Linux distribution supported by the Intel Quick Start Kit v1.2 for Linux. The CCL consists of components and drivers that have been validated by Intel. The Reference List consist of components and drivers that are believed to work with Intel desktop boards but have not been validated by Intel. The drivers in all lists should be available on the installation media (DVD or CD) supplied with each distribution supported by the Intel Quick Start Kit v1.2 for Linux.

IMPORTANT – READ BEFORE USING THE HARDWARE COMPATIBILITY MATRIX

Products included on the HCM are not warranted by Intel for quality, reliability, interoperability or other performance-based characteristics. The HCM is not intended to replace the normal product qualification process.

Issues regarding compatibility of Intel desktop boards with products included in the CCL of the HCM should be directed to Intel. All issues related to products listed in the Reference Lists of the HCM should be directed to the vendor of the specific component.

The vendors included in the HCM are those Intel is engaging with on the HCM program. These vendors and the vendors' components have met the program requirements in order to be listed in the HCM. Vendors may be added or removed from the HCM for various reasons including but not limited to participation status, HCM testing status or product availability. Inclusion in the HCM or lack thereof does not indicate relative product status or guarantee products will or will not be included in future versions.

This document is not meant to be a comprehensive or all-inclusive list of the many thousands of internal and external peripherals that can be supported by Linux today. It is being provided as a convenient starting point for identifying and selecting internal and external peripherals that can be integrated into Linux-based systems using the Intel desktop boards and distributions supported by the Intel Quick Start Kit v1.2 for Linux.

The fundamental criteria used to choose all peripherals listed in this document is "out-of-the-box" driver support from the Linux distributions supported by the Intel Quick Start Kit v1.2 for Linux. The goal is to ease the challenge of building fully-featured Linux-based PCs using the Intel Quick Start Kit v1.2 for Linux. If you are using a Linux distribution supported by the Intel Quick Start Kit v1.2 for Linux, you should not have to spend time finding, building, installing, and configuring drivers for peripherals listed in this document.

* Other names and brands may be claimed as the property of others.

As described on the previous page, the peripherals listed in the CCL have been validated by Intel using Intel desktop boards and Linux distributions supported by the Intel Quick Start Kit v1.2 for Linux. For the Reference List section of this document, Intel has attempted to identify peripherals that have a high probability of having "out-of-the-box" driver support from the Linux distributions supported by the Intel Quick Start Kit v1.2 for Linux. However, Intel has not validated the items in the Reference List. The Reference List is provided as convenient starting point for selecting peripherals outside the scope of the CCL.

* Other names and brands may be claimed as the property of others.

Glossary

The following abbreviations are used throughout this document.

Abbreviation	Meaning
CS2C NSLDT	China Standard Software Co., Ltd. NeoShine Linux Desktop
EM64T	Extended Memory 64-bit Technology
NLD	Novell Linux Desktop (for example, NLD9 stands for Novell Linux Desktop 9)
RFLDT	Red Flag Linux Desktop
RHDT	Red Hat Desktop (for example, RHDT3U3 stands for Red Hat Desktop 3 Update 3)
SP	Service Pack (for example, SP1 stands for Service Pack 1)

* Other names and brands may be claimed as the property of others.

Core Compatibility List

The following table lists components that have been validated by Intel with the Intel desktop boards and Linux distributions that are supported by the Intel Quick Start Kit v1.2 for Linux.

Table 1. Core Compatibility List

Intel Desktop Board Name	Type	Vendor	Component Name	Distributions That Support This Component
D845GVSRL	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	NLD9 SP2
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	NLD9 SP2
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	NLD9 SP2
	Modem	US Robotics	56K V.92 Performance Pro	RHDT3U3, RHDT3U4, RHDT3u5, NLD9 SP2
	Network	3COM Corporation	3C595 10/100mps	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2
	Network	D-Link Systems, Inc.	DGE-530T 10/100/1000	NLD9 SP2
	Network	LinkSys	LNE100TX	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2
D865GBFL	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	NLD9 SP2, CS2C NSLDT 2.0.2
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	NLD9 SP2, CS2C NSLDT 2.0.2
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	NLD9 SP2, CS2C NSLDT 2.0.2
	Audio	Voyetra Turtle Beach, Inc.	Riviera 5.1 Digital PCI	NLD9 SP2, CS2C NSLDT 2.0.2
	Modem	US Robotics	56K V.92 Performance Pro	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	3COM Corporation	3C595 10/100mps	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	D-Link Systems, Inc.	DGE-530T 10/100/1000	NLD9 SP2, CS2C NSLDT 2.0.2
	Network	LinkSys	LNE100TX	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2

continued

* Other names and brands may be claimed as the property of others.

Table 1. Core Compatibility List (continued)

Intel Desktop Board Name	Type	Vendor	Component Name	Distributions That Support This Component
D915GAGLK, D915GAGL	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	NLD9 SP2
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	RHDT4, NLD9 SP1, NLD9 SP2, RFLDT 4.1 SP2
	Audio	Voyetra Turtle Beach, Inc.	Riviera 5.1 Digital PCI	NLD9 SP2
	Modem	US Robotics	56K V.92 Performance Pro	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	3COM Corporation	3C595 10/100mps	RHDT3U3, RHDT3U4, RHDT3U5, RHDT4, NLD9 SP1, NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	D-Link Systems, Inc.	DGE-530T 10/100/1000	NLD9 SP2, CS2C NSLDT 2.0.2
	Network	LinkSys	LNE100TX	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT3U5, NLD9SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2

continued

* Other names and brands may be claimed as the property of others.

Table 1. Core Compatibility List (continued)

Intel Desktop Board Name	Type	Vendor	Component Name	Distributions That Support This Component
D915GEVLK, D915GEVL, D915GEV	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	RHDT4, RHDT4 EM64T, NLD9 SP1, NLD9 SP2, NLD9 SP2 EM64T
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	RHDT4 EM64T, NLD9 SP2, RFLDT 4.1 SP2
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	RHDT4 EM64T, NLD9 SP2, NLD9 SP2 EM64T, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Audio	Voyetra Turtle Beach, Inc.	Riviera 5.1 Digital PCI	RHDT4 EM64T, NLD9 SP2 EM64T, CS2C NSLDT 2.0.2
	Modem	US Robotics	56K V.92 Performance Pro	RHDT3U3, RHDT3U4, RHDT3U5, RHDT4 EM64T, NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	3COM Corporation	3C595 10/100mps	RHDT3U3, RHDT3U4, RHDT3U5, RHDT4 EM64T, NLD9 SP2,NLD9 SP2 EM64T, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	D-Link Systems, Inc.	DGE-530T 10/100/1000	NLD9 SP2, CS2C NSLDT 2.0.2
	Network	LinkSys	LNE100TX	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, NLD9 SP2 EM64T, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT3U5, RHDT4 EM64T, NLD9SP2, NLD9 SP2 EM64T, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Video	ASUSTek Computer Inc.	Radeon x300 SE	RHDT3U3, RHDT3U4, RHDT3U5
	Video	ASUSTek Computer Inc.	Radeon x600 XT	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, RFLDT 4.1 SP2
D915GUXLK, D915GUXL	Audio	Voyetra Turtle Beach, Inc.	Riviera 5.1 Digital PCI	RHDT4, NLD9 SP1
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT4, NLD9 SP1

continued

* Other names and brands may be claimed as the property of others.

Table 1. Core Compatibility List (continued)

Intel Desktop Board Name	Type	Vendor	Component Name	Distributions That Support This Component
D915PCYL	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	NLD9 SP2
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	NLD9 SP2, RFLDT 4.1 SP2
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	NLD9 SP2, RFLDT 4.1 SP2
	Audio	Voyetra Turtle Beach, Inc.	Riviera 5.1 Digital PCI	NLD9 SP2
	Modem	Diamond Multimedia	SupraMax 56K V.92 PCI	CS2C NSLDT 2.0.2
	Modem	US Robotics	56K V.92 Performance Pro	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	3COM Corporation	3C595 10/100mps	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, CS2C NSLDT 2.0.2
	Network	LinkSys	LNE100TX	RHDT3U3, RHDT3U4, RHDT3U5, NLD9 SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT3U3, RHDT3U4, RHDT3U5, NLD9SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2

continued

* Other names and brands may be claimed as the property of others.

Table 1. Core Compatibility List (continued)

Intel Desktop Board Name	Type	Vendor	Component Name	Distributions That Support This Component
D915PLWDL	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	RHDT4, RHDT4U1, RFLDT 4.1
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	RHDT4, RHDT4U1, RFLDT 4.1, RFLDT 4.1 SP1
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	RHDT4, RHDT4U1, RFLDT 4.1, RFLDT 4.1 SP1
	Audio	Voyetra Turtle Beach, Inc.	Riviera 5.1 Digital PCI	RHDT4, RHDT4U1, RFLDT 4.1, RFLDT 4.1 SP1
	Modem	US Robotics	56K V.92 Performance Pro	RHDT4, RHDT4U1, NLD9, NLD9 SP1, RFLDT 4.1, RFLDT 4.1 SP1, CS2C NSLDT 2.0.1
	Network	3COM Corporation	3C595 10/100mps	RHDT4U1, NLD9, NLD9 SP1, RFLDT 4.1, RFLDT 4.1 SP1, CS2C NSLDT 2.0.1
	Network	D-Link Systems, Inc.	DGE-530T 10/100/1000	RHDT4U1, NLD9, NLD9 SP1, RFLDT 4.1, CS2C NSLDT 2.0.1
	Network	LinkSys	LNE100TX	RHDT4, RHDT4U1, NLD9, NLD9 SP1, RFLDT 4.1, RFLDT 4.1 SP1, CS2C NSLDT 2.0.1
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT4, RHDT4U1, NLD9, NLD9 SP1, RFLDT 4.1, RFLDT 4.1 SP1, CS2C NSLDT 2.0.1
	Video	ASUSTek Computer Inc.	Radeon x300 SE	RHDT4, RHDT4U1, RFLDT 4.1, RFLDT 4.1 SP1
	Video	ASUSTek Computer Inc.	Radeon x600 XT	RHDT4, RHDT4U1, RFLDT 4.1, RFLDT 4.1 SP1
	Video	NVIDIA Corporation	GeForce PCX 5300	RFLDT 4.1, RFLDT 4.1 SP1

continued

* Other names and brands may be claimed as the property of others.

Table 1. Core Compatibility List (continued)

Intel Desktop Board Name	Type	Vendor	Component Name	Distributions That Support This Component
D945GCZL	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	NLD9 SP2
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	NLD9 SP2
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	NLD9 SP2
	Modem	Diamond Multimedia	SupraMax 56K V.92 PCI	CS2C NSLDT 2.0.2
	Modem	US Robotics	56K V.92 Performance Pro	RHDT3U5, NLD9 SP2, CS2C NSLDT 2.0.2
	Network	3COM Corporation	3C595 10/100mps	RHDT3U5, NLD9 SP2, CS2C NSLDT 2.0.2
	Network	D-Link Systems, Inc.	DGE-530T 10/100/1000	NLD9 SP2, CS2C NSLDT 2.0.2
	Network	LinkSys	LNE100TX	RHDT3U5, NLD9 SP2, CS2C NSLDT 2.0.2
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT3U5, NLD9SP2, RFLDT 4.1 SP2, CS2C NSLDT 2.0.2

continued

* Other names and brands may be claimed as the property of others.

Table 1. Core Compatibility List (continued)

Intel Desktop Board Name	Type	Vendor	Component Name	Distributions That Support This Component
D945GNTL	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	RHDT4U1
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	RHDT4U1
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	RHDT4U1
	Audio	Voyetra Turtle Beach, Inc.	Riviera 5.1 Digital PCI	RHDT4U1
	Modem	US Robotics	56K V.92 Performance Pro	RHDT4U1
	Network	D-Link Systems, Inc.	DGE-530T 10/100/1000	RHDT4U1
	Network	LinkSys	LNE100TX	RHDT4U1
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT4U1
	Video	ASUSTek Computer Inc.	Radeon x300 SE	RHDT4U1
	Video	ASUSTek Computer Inc.	Radeon x600 XT	RHDT4U1

continued

* Other names and brands may be claimed as the property of others.

Table 1. Core Compatibility List (continued)

Intel Desktop Board Name	Type	Vendor	Component Name	Distributions That Support This Component
D945GTPL	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	NLD9 SP2, CS2C NSLDT 2.0.2
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	NLD9 SP2
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	NLD9 SP2
	Audio	Voyetra Turtle Beach, Inc.	Riviera 5.1 Digital PCI	CS2C NSLDT 2.0.2
	Modem	Diamond Multimedia	SupraMax 56K V.92 PCI	CS2C NSLDT 2.0.2
	Modem	US Robotics	56K V.92 Performance Pro	RHDT3U5, NLD9 SP2, CS2C NSLDT 2.0.2
	Network	3COM Corporation	3C595 10/100mps	RHDT3U5, NLD9 SP2, CS2C NSLDT 2.0.2
	Network	D-Link Systems, Inc.	DGE-530T 10/100/1000	NLD9 SP2, CS2C NSLDT 2.0.2
	Network	LinkSys	LNE100TX	RHDT3U5, NLD9 SP2, CS2C NSLDT 2.0.2
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT3U5, NLD9 SP2, CS2C NSLDT 2.0.2

continued

* Other names and brands may be claimed as the property of others.

Table 1. Core Compatibility List (continued)

Intel Desktop Board Name	Type	Vendor	Component Name	Distributions That Support This Component
D945PAWLK	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	NLD9 SP2, NLD9 SP2 EM64T, CS2C NSLDT 2.0.2
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	NLD9 SP2, CS2C NSLDT 2.0.2
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	NLD9 SP2, NLD9 SP2 EM64T, RFLDT 4.1 SP2
	Audio	Voyetra Turtle Beach, Inc.	Riviera 5.1 Digital PCI	NLD9 SP2, CS2C NSLDT 2.0.2
	Modem	Diamond Multimedia	SupraMax 56K V.92 PCI	CS2C NSLDT 2.0.2
	Modem	US Robotics	56K V.92 Performance Pro	RHDT3U5, NLD9 SP2, NLD9 SP2 EM64T, CS2C NSLDT 2.0.2
	Network	3COM Corporation	3C595 10/100mps	RHDT3U5, NLD9 SP2, NLD9 SP2 EM64T, CS2C NSLDT 2.0.2
	Network	LinkSys	LNE100TX	RHDT3U5, NLD9 SP2, NLD9 SP2 EM64T, CS2C NSLDT 2.0.2
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT3U5,NLD9SP2, NLD9 SP2 EM64T, CS2C NSLDT 2.0.2

continued

* Other names and brands may be claimed as the property of others.

Table 1. Core Compatibility List (continued)

Intel Desktop Board Name	Type	Vendor	Component Name	Distributions That Support This Component
D945PSNLK	Audio	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card	RHDT4U1, RHDT4U1 EM64T
	Audio	Creative Technology, Ltd.	SoundBlaster Live!	RHDT4U1, RHDT4U1 EM64T
	Audio	Creative Technology, Ltd.	SoundBlaster PCI 128	RHDT4U1, RHDT4U1 EM64T
	Audio	Voyetra Turtle Beach, Inc.	Riviera 5.1 Digital PCI	RHDT4U1, RHDT4U1 EM64T
	Modem	US Robotics	56K V.92 Performance Pro	RHDT4U1, RHDT4U1 EM64T
	Network	3COM Corporation	3C595 10/100mps	RHDT4U1, RHDT4U1 EM64T
	Network	D-Link Systems, Inc.	DGE-530T 10/100/1000	RHDT4U1, RHDT4U1 EM64T
	Network	LinkSys	LNE100TX	RHDT4U1
	Network	Realtek Semiconductor Corp.	Realtek 8139	RHDT4U1, RHDT4U1 EM64T
	Video	ASUSTek Computer Inc.	Radeon x300 SE	RHDT4U1, RHDT4U1 EM64T
	Video	ASUSTek Computer Inc.	Radeon x600 XT	RHDT4U1, RHDT4U1 EM64T

* Other names and brands may be claimed as the property of others.

Reference Lists

This section provides information and references to help identify add-in cards and peripherals that have a high probability of having "out-of-the-box" driver support from Linux distributions supported by the Intel Quick Start Kit v1.2 for Linux. Intel has not tested or verified the correct operation of add-in cards and peripherals referenced here.

Red Hat Desktop 4

The following links may be useful in configuring add-in devices for Red Hat Desktop 4:

RHDT4 User Manuals: http://www.redhat.com/docs/manuals/enterprise/

RHDT4 System Admin Guide:	http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/sysadmin-guide/
Network:	http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/sysadmin-guide/ch-network-config.html
Keyboard:	http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/sysadmin-guide/ch-keyboardconfig.html
Mouse:	http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/sysadmin-guide/ch-mouseconfig.html
Video & Monitor:	http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/sysadmin-guide/ch-xconfig.html
Printer:	http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/sysadmin-guide/ch-printing.html

RHDT4 Step-by-step Guide:	http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/step-guide/
Digital Cameras:	http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/step-guide/ch-cameras.html
	http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/step-guide/s1-cameras-gphoto-gtkam.html
USB Flash Drives:	http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/step-guide/s1-disks-usb.html

* Other names and brands may be claimed as the property of others.

The following table lists devices that should have driver support included in Red Hat Enterprise Linux Desktop version 4. Compatibility of these devices with Intel desktop boards has not been validated by Intel.

Table 2. Reference List for Red Hat Desktop 4

DISTRIBUTION: Red Hat Desktop 4

DEVICE CATEGORY: LAN

The RHDT4 network configuration utility provides a extensive list of supported LAN adapters. Execute the following commands to view the list of supported LAN adapters from the default GNOME desktop: **Applications ➔System Tools ➔ Network Device Control ➔ Configure ➔ New ➔ Ethernet connection ➔ Forward ➔ Other Ethernet Card ➔ Click Adapter Dropdown box**

For information about the RHDT4 network configuration utility, refer to:
http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/sysadmin-guide/ch-network-config.html

The following table contains a partial list of the LAN adapters listed in the RHDT4 network configuration utility. For the complete list, refer to the link shown above.

Category	Company	Model	Comments
LAN	Belkin Corporation	10/100 PCI	
	D-Link Systems, Inc.	DGE-530T – 10/100/1000 Mbps PCI	
	Hiro	H50070 – 10/100/1000 32-bit Low Profile PCI	
	Mach Speed Technologies, Inc	SK-9521 – 10/100/1000 Gigabit PCI	
	NETGEAR	FA311 – 10/100Mbps PCI	
	SMC Networks Inc.	SMC1244TX EZ Card 10/100 Full Duplex PCI	
	SMC Networks Inc.	10/100 / USB	
	U.S. Robotics	10/100 Mbps PCI Fast Ethernet Card	
	Zonet USA Corporation	ZEN3300E- 10/100/1000 Gigabit PCI	
	Zonet USA Corporation	ZUN2210 – USB 2.0 10/100	

continued

* Other names and brands may be claimed as the property of others.

Table 2. Reference List for Red Hat Desktop 4 (continued)

DISTRIBUTION: Red Hat Desktop 4

DEVICE CATEGORY: Modem

Refer to the Core Compatibility List section of this document for a list of modems that have been verified to be compatible with this distribution.

All external modems connected using an RS-232 serial port should work. This includes external ISDN adapters although some of the extended features of external ISDN adapters (such as multilink) may or may not work.

Internal modems and USB modems may have Linux drivers available. The Linux Hardware HOWTO contains information and links to various resources that help determine if a modem is supported. For more information, refer to: http://en.tldp.org/HOWTO/Hardware-HOWTO/modems.html

DISTRIBUTION: Red Hat Desktop 4

DEVICE CATEGORY: Video

The RHDT4 video configuration utility provides a list of supported video adapters and monitors. Execute the following commands to view the list of supported video adapters from the default GNOME desktop: **Applications → System Settings → Display → Hardware → Video Card → Configure.**

Execute the following commands to view the list of supported monitors from the default GNOME desktop: **Applications → System Settings → Display → Hardware → Monitor → Configure**

For information about the RHDT4 video configuration utility, refer to:
http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/sysadmin-guide/ch-xconfig.html

The following table contains a partial list of the video adapters listed in the RHDT4 video configuration utility. For the complete list, refer to the link shown above.

Category	Company	Model	Comments
Video	ATI Technologies Inc.	Radeon 9200	
	ATI Technologies Inc.	Radeon 9800 PRO	
	ATI Technologies Inc.	FireGL V3100	
	ATI Technologies Inc.	XPERT 2000 AGP	
	Diamond Multimedia	Stealth S60	Uses ATI Radeon 7000 chipset
	NVIDIA Corporation	GeForce 6800 Ultra	
	NVIDIA Corporation	GeForce 6600	
	NVIDIA Corporation	GeForce FX 5200	
	NVIDIA Corporation	GeForce 4	
	Trident Microsystems, Inc.	CyberBladeXP	

continued

* Other names and brands may be claimed as the property of others.

Table 2. Reference List for Red Hat Desktop 4 (continued)

DISTRIBUTION: Red Hat Desktop 4

DEVICE CATEGORY: Audio

RHDT4 uses the Advanced Linux Sound Architecture (ALSA) to provide support for a extensive list of audio adapters. For the complete list of audio adapters supported by the latest stable release of ALSA, refer to: http://www.alsa-project.org/alsa-doc/index.php?vendor=All

Audio adapters that are supported by the version of ALSA integrated into RHDT4 will typically be autodetected during operating system installation with little or no manual configuration needed.

The following table lists examples of the audio adapters supported by ALSA. For more information, refer to the ALSA Sound Card Matrix that is available at the link shown above.

Category	Company	Model	Comments
Audio	AUDIOTRAK	OPTOPlay	USB Audio Adapter - Sound Enhancer
	CHAINTECH COMPUTER CO., LTD.	AV-512 6-Channel PCI	CMedia 8738 chipset
	CHAINTECH COMPUTER CO., LTD.	6-Channel PCI Sound Card with Apogee Body Theater	CMedia 8738 chipset
	Cirrus Logic, Inc.	CS4236	Any CS4236 chipset family
	Cirrus Logic, Inc.	CS4630	Any CS4630 chipset family
	Creative Technology, Ltd.	Sound Blaster Audigy 2	PCI Audio Card
	Voyetra Turtle Beach, Inc.	Daytona, Malibu, Montego II, Santa Cruz, and Tropez	PCI Audio Cards
	Inland Associates, Inc.	Thunder Sound Card 4.1 Channel	CMedia 8738 chipset
	Sabrent	6-Channel 5.1 3D Surround Sound PCI	CMedia 8738 chipset
	Voyetra Turtle Beach, Inc.	Audio Advantage Micro USB Sound Card with Earbud	USB Audio adapter

continued

* Other names and brands may be claimed as the property of others.

Table 2. Reference List for Red Hat Desktop 4 (continued)

DISTRIBUTION: Red Hat Desktop 4

DEVICE CATEGORY: Printers

The RHDT4 printer configuration utility provides a extensive list of supported printers. Execute the following commands to view the list of supported printers from the default GNOME desktop: **Applications → System Tools → Printers → New → Forward → Forward → Click /dev/lp0 → Forward → Click "Generic (click to select manufacturer)" Dialog box to see list of manufacturers → Select a manufactures to see models**

The following table contains a partial list of supported printers listed in the RHDT4 printer configuration utility.

Category	Company	Model	Comments
Printers	Brother Industries, Ltd.	HL-1440	
	CANON INC.	BJC-6100	
	CANON INC.	MultiPASS C2500	
	Epson America Inc.	Stylus Color 1160	
	Epson America Inc.	Stylus Color 3000	
	Hewlett-Packard Development Company, L.P.	Business Inkjet 2600	
	Hewlett-Packard Development Company, L.P.	DeskJet 995C	
	Hewlett-Packard Development Company, L.P.	LaserJet 8150	
	Hewlett-Packard Development Company, L.P.	LaserJet 2200	
	Lexmark International, Inc.	Optra W810	
	Oki Data Americas, Inc.	MICROLINE 182	
	Panasonic Corporation of North America	KX-P2023	

continued

* Other names and brands may be claimed as the property of others.

Table 2. Reference List for Red Hat Desktop 4 (continued)

DISTRIBUTION: Red Hat Desktop 4

DEVICE CATEGORY: Scanners

RHDT4 uses SANE (Scanner Access Now Easy) version 1.0.14 packages to provide scanner support. For a complete list of scanners supported by SANE version 1.0.14, refer to: http://www.sane-project.org/sane-backends-1.0.14.html

The following table contains a partial list of scanners supported RHDT4. For the complete list, refer to the link shown above.

Category	Company	Model	Comments
Scanners	CANON INC.	CanoScan N340P	
	CANON INC.	CanoScan FB630P	
	CANON INC.	CanoScan N1240U	
	Hewlett-Packard Development Company, L.P.	Scanjet 3200C	
	Hewlett-Packard Development Company, L.P.	Scanjet 5100C	
	Hewlett-Packard Development Company, L.P.	Scanjet 5300C	
	Hewlett-Packard Development Company, L.P.	Scanjet 6390C	
	Umax Technologies, Inc.	2000P	
	Umax Technologies, Inc.	1220P	
	Umax Technologies, Inc.	Microline 591, 184 Turbo	

continued

* Other names and brands may be claimed as the property of others.

Table 2. Reference List for Red Hat Desktop 4 (continued)

DISTRIBUTION: Red Hat Desktop 4

DEVICE CATEGORY: Audio

RHDT4 provides several digital camera-enabled software applications with support for an extensive list of digital cameras. To see a complete list of digital cameras supported by the 'gthumb' photo application, execute the following commands from the GNOME desktop: **Applications → Graphics → Photo Tool → File → Import Photos → Click on 'No Camera Detected' label → Click Model Dropdown box**

The following table contains a partial list of digital cameras supported by the 'gthumb' photo application supplied with RHDT4. For a complete list, execute the commands shown above:

Category	Company	Model	Comments
Digital Cameras	CANON INC.	Powershot S45	
	CANON INC.	Powershot S400	
	Eastman Kodak Company	DC-260	
	Eastman Kodak Company	DC3200	
	Nikon Inc.	Coolpix 4500	
	Olympus Imaging America Inc.	C-3000Z	
	Olympus Imaging America Inc.	C-3040Z	
	PENTAX IMAGING COMPANY	Optio 450	
	Sony Corporation of America	DSC-F505V	
	Sony Corporation of America	DCR-PC100	

continued

* Other names and brands may be claimed as the property of others.

Table 2. Reference List for Red Hat Desktop 4 (continued)

DISTRIBUTION: Red Hat Desktop 4

DEVICE CATEGORY: USB Flash Drives and Storage

USB storage devices (such as USB flash drives and USB hard disk drives) should be supported without the need for additional drivers. For information about how to use USB flash drives with RHDT4, refer to: http://www.redhat.com/docs/manuals/enterprise/RHEL-4-Manual/step-guide/s1-disks-usb.html

The following table contains a partial list of USB flash drives that should be compatible with RHDT4.

Category	Company	Model	Comments
USB Flash Drives and Storage	Apacer Inc.	Handy Steno USB 2.0 1GB	
	BUSlink	Flash Drive 1GB	
	BUSlink	Flash Drive 512mb	
	SOYO Group, Inc.	CigarPro2 USB 2.0 1Gb	
	Lexar Media, Inc.	JumpDrive 1Gb	
	Lexar Media, Inc.	JumpDrive 512Gb	
	Lexar Media, Inc.	JumpDrive 128nb Portable	
	SanDisk Corporation	Cruzer Mini 512mb	
	SanDisk Corporation	Cruzer Micro 512mb	
	SanDisk Corporation	Cruzer Titanium 512mb	

* Other names and brands may be claimed as the property of others.

Novell Linux Desktop

The following information may be useful in configuring add-in devices for Novell Linux Desktop 9. YAST is the default system and hardware configuration utility for Novell Linux Desktop. For details on using YAST, refer to the following URLs:

YAST Control Center:

http://www.novell.com/documentation/nld/index.html?page=/documentation/nld/nld_deployment/data/bsj9luh.html

Starting YAST:

http://www.novell.com/documentation/nld/index.html?page=/documentation/nld/nld_deployment/data/bsj9mqi.html

You can use the **Hardware** option to perform the following tasks:

- Configuring the CD/DVD drives in your system
- Configuring the graphics card and monitor
- Activating or deactivating the DMA mode for IDE hard disk drives and CD/DVD drives
- Configuring your printer
- Changing the mouse model
- Configuring disk controllers
- Displaying hardware information
- Configuring a joystick
- Configuring a scanner
- Configuring audio adapters

* Other names and brands may be claimed as the property of others.

The following table lists devices that should have driver support included in Novell Linux Desktop 9. Compatibility with the Intel desktop boards has not been validated by Intel.

Table 3. Reference List for Novell Linux Desktop 9

DISTRIBUTION: Novell Linux Desktop 9

DEVICE CATEGORY: LAN

The NLD9 YAST network configuration utility provides an extensive list of LAN adapters supported by NLD9. To view the complete list, execute the following commands from the default GNOME desktop: **System → Administrator Settings → Network Devices → Network Card → Change → Add → Select from List**

The following table contains a partial list of supported LAN adapters from the NLD9 YAST network configuration utility. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
LAN	3Com Corporation	3C507	
	3Com Corporation	3C509	
	3Com Corporation	3C515	
	3Com Corporation	3C579	
	D-Link Systems, Inc.	DE620 pocket adapter	
	Realtek Semiconductor Corp.	RTL8129	
	Realtek Semiconductor Corp.	RTL8129	
	Silicon Integrated Systems Corp.	900 PCI Fast Ethernet	
	SMC Networks Inc.	9194	
	SMC Networks Inc.	Ultra 32	

DISTRIBUTION: Novell Linux Desktop 9

DEVICE CATEGORY: Modem

See the Core Compatibility List section of this document for a list of modems that have been verified to be compatible with this distribution.

All external modems connected using an RS-232 serial port should work. This includes external ISDN adapters although some of the extended features of external ISDN adapters (such as multilink) may or may not work.

Internal modems and USB modems may have Linux drivers available. The Linux Hardware HOWTO contains information and links to various resources that help determine if a modem is supported. Refer to: http://en.tldp.org/HOWTO/Hardware-HOWTO/modems.html

continued

* Other names and brands may be claimed as the property of others.

Table 3. Reference List for Novell Linux Desktop 9 (continued)

DISTRIBUTION: Novell Linux Desktop 9

DEVICE CATEGORY: Video

The NLD9 YAST video configuration utility provides an extensive list of video adapters supported by NLD9. To view the complete list, execute the following commands from the default GNOME desktop: **System → Administrator Settings → Network Devices → Network Card → Change → Add → Select from List**

The following table contains a partial list of supported video adapters from NLD9 YAST video configuration utility. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
Video	ATI Technologies Inc.	Radeon 9200 SE	
	ATI Technologies Inc.	Radeon 9700	
	Matrox	Millennium G450	
	Matrox	Millennium G550	
	NVIDIA Corporation	GeForce FX 5600	
	NVIDIA Corporation	GeForce FX 5900	
	NVIDIA Corporation	GeForce PCX 5700	
	NVIDIA Corporation	GeForce FX 5200	
	ATI Technologies Inc.	Radeon 7500	
	Silicon Integrated Systems Corp.	Sis 6326 AGP	

continued

* Other names and brands may be claimed as the property of others.

Table 3. Reference List for Novell Linux Desktop 9 (continued)

DISTRIBUTION: Novell Linux Desktop 9

DEVICE CATEGORY: Audio

The NLD9 YAST audio adapter configuration utility provides a list of audio adapters supported by NLD9. To view the complete list, execute the following commands from the default GNOME desktop**: System → Administrator Settings → Hardware → Sound → Add Sound Card → Select vendor on left, see supported cards on right**

The following table contains a partial list of supported audio adapters from NLD9 YAST audio adapter configuration utility. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
Audio	Creative Technology, Ltd.	Sound Blaster Audigy	
	Creative Technology, Ltd.	Sound Blaster AWE 64	
	ESS Technology, Inc.	ES 1988	
	Crystal Semiconductors	CS4236	
	Crystal Semiconductors	CS4237	
	ESS Technology, Inc.	Maestro 1	
	ESS Technology, Inc.	Maestro 2	
	Labway	Xwave6000	
	Yamaha Corporation of America	YMF744	
	ESS Technology, Inc.	Canyon3D-2 chipset	

continued

* Other names and brands may be claimed as the property of others.

Table 3. Reference List for Novell Linux Desktop 9 (continued)

DISTRIBUTION: Novell Linux Desktop 9

DEVICE CATEGORY: Printer

The NLD9 YAST printer configuration utility provides an extensive list of printers supported by NLD9. To view the complete list, execute the following commands from the default GNOME desktop: **System > Administrator Settings > Hardware > Printer > Change > Add > Next > Ok > Next > Next > Select Manufacturer on left, see supported models on right**

The following table contains a partial list of supported printers from NLD9 YAST printer configuration utility. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
Printer	Brother Industries, Ltd.	HL-1440	
	CANON INC.	BJC-6100	
	CANON INC.	MultiPASS C2500	
	Epson America Inc.	Stylus Color 1160	
	Epson America Inc.	Stylus Color 3000	
	Hewlett-Packard Development Company, L.P.	Business Inkjet 2600	
	Hewlett-Packard Development Company, L.P.	DeskJet 995C	
	Hewlett-Packard Development Company, L.P.	LaserJet 8150	
	Hewlett-Packard Development Company, L.P.	LaserJet 2200	
	Lexmark International, Inc.	Optra W810	
	Oki Data Americas, Inc.	MICROLINE 182	
	Panasonic Corporation of North America	KX-P2023	

continued

* Other names and brands may be claimed as the property of others.

Table 4. Reference List for Novell Linux Desktop 9 (continued)

DISTRIBUTION: Novell Linux Desktop 9

DEVICE CATEGORY: Scanner

NLD9 uses SANE (Scanner Access Now Easy) version 1.0.13 packages to provide scanner support. For a complete list of scanners supported by SANE version 1.0.13, refer to: http://www.sane-project.org/sane-backends-1.0.13.html

The following table contains a partial list of scanners that can be supported by NLD9. For a complete list, refer to the link shown above.

Category	Company	Model	Comments
Scanner	CANON INC.	CanoScan N340P	
	CANON INC.	CanoScan FB630P	
	CANON INC.	CanoScan N1240U	
	Hewlett-Packard Development Company, L.P.	Scanjet 3200C	
	Hewlett-Packard Development Company, L.P.	Scanjet 5100C	
	Hewlett-Packard Development Company, L.P.	Scanjet 5300C	
	Hewlett-Packard Development Company, L.P.	Scanjet 6390C	
	Umax Technologies, Inc.	3400	
	Umax Technologies, Inc.	5400	
	Epson America Inc.	Perfection 1260	

continued

* Other names and brands may be claimed as the property of others.

Table 5. Reference List for Novell Linux Desktop 9 (continued)

DISTRIBUTION: Novell Linux Desktop 9

DEVICE CATEGORY: Digital Cameras

NLD9 provides several digital camera-enabled software applications that provide support for an extensive list of digital cameras. To view a complete list of digital cameras supported by the 'digikam' photo application bundled with NLD9, execute the following commands from the GNOME desktop: **System → Run Programs → digikam → Settings → Configure Digikam → Cameras > Add**

The following table contains a partial list of digital cameras supported by the 'digikam' photo application supplied with NLD9. For a complete list, execute the commands shown above.

Category	Company	Model	Comments
Digital Cameras	CANON INC.	Powershot S45	
	CANON INC.	Powershot S400	
	Eastman Kodak Company	DC-260	
	Eastman Kodak Company	DC3200	
	Nikon Inc.	Coolpix 4300	
	Olympus Imaging America Inc.	C-3000Z	
	Olympus Imaging America Inc.	C-3040Z	
	Panasonic Corporation of North America	DC1580	
	Sony Corporation of America	F707V	
	Sony Corporation of America	DCR-PC100	

continued

* Other names and brands may be claimed as the property of others.

Table 6. Reference List for Novell Linux Desktop 9 (continued)

DISTRIBUTION: Novell Linux Desktop 9

DEVICE CATEGORY: USB Flash Drives and Storage

USB storage devices (such as USB flash drives and USB hard disk drives) should be supported without the need for additional drivers. The following table contains a partial list of USB flash and storage drives that should be compatible with NLD9.

Category	Company	Model	Comments
USB Flash Drives and Storage	Apacer Inc.	Handy Steno USB 2.0 1GB	
	BUSlink	FlashDrive 1GB	
	BUSlink	FlashDrive 512mb	
	SOYO Group, Inc.	CigarPro2 USB 2.0 1Gb	
	Lexar Media, Inc.	JumpDrive 1Gb	
	Lexar Media, Inc.	JumpDrive 512Gb	
	Lexar Media, Inc.	JumpDrive 128nb Portable	
	SanDisk Corporation	Cruzer Mini 512mb	
	SanDisk Corporation	Cruzer Micro 512mb	
	SanDisk Corporation	Cruzer Titanium 512mb	

Red Flag Linux Desktop

The following table lists devices that should have driver support included in Red Flag Linux Desktop v4.1. Compatibility of these devices with Intel desktop boards has not been validated by Intel.

Table 7. Reference List for Red Flag Linux Desktop

DISTRIBUTION: Red Flag Linux Desktop 4.1

DEVICE CATEGORY: LAN

The RFLDT 4.1 network configuration utility provides an extensive list of supported LAN adapters. Execute the following commands to view the list of supported LAN adapters from the default KDE desktop: 开始＝》设置＝》控制面板＝》网络＝》网络配置＝》添加网卡，则可以显示网卡表.

Refer to the Users Manual for information about the RFLDT 4.1 network configuration utility.

The following table contains a partial list of the LAN adapters from the RFLDT 4.1 network configuration utility list. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
LAN	3Com Corporation	3C905B	
	BroadCom Corporation	BCM4401	
	BroadCom Corporation	BCM5701 Gigabit Ethernet	
	Digital China Holdings Limited	D-Link 528	
	Linksys	DEC-Tulip compatible 10/100 Ethernet	
	Myson Technology, Inc.	MTD-8xx 100/10M Ethernet PCI Adapter	
	Realtek Semiconductor	RTL-8029	
	Realtek Semiconductor	RTL-8139 Series	
	Silicon Integrated Systems Corp.	SiS 900 Fast Ethernet Adapter	
	Viatech Technologies, Inc.	Rhine-II	

continued

* Other names and brands may be claimed as the property of others.

Table 7. Reference List for Red Flag Linux Desktop (continued)

DISTRIBUTION: Red Flag Linux Desktop 4.1

DEVICE CATEGORY: Modem

See the Core Compatibility List section of this document for a list of modems that have been verified to be compatible with this distribution.

All external modems connected using an RS-232 serial port should work. This includes external ISDN adapters although some of the extended features of external ISDN adapters (such as multilink) may or may not work.

Internal modems and USB modems may have Linux drivers available. The Linux Hardware HOWTO contains information and links to various resources that help determine if a modem is supported. Refer to: http://en.tldp.org/HOWTO/Hardware-HOWTO/modems.html

DISTRIBUTION: Red Flag Linux Desktop 4.1

DEVICE CATEGORY: Video

The RFLDT 4.1 video configuration utility provides an extensive list of supported video adapters. Execute the following commands to view the list of supported video adapters from the default KDE desktop: 开始＝》设置＝》控制面板＝》显示＝》显示设置＝》单击显卡组的向下箭号，则可以显示显卡表.

Refer to the Users Manual for information on the RFLDT 4.1 video configuration utility.

The following table contains a partial list of the video adapters from the RFLDT 4.1 SP1 video configuration utility list. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
Video	ELSA TECHNOLOGY INC.	Gloria4 700XGL	
	Ennyah Technology corp.	GeForce4 MX420	
	Gainward Company, Ltd.	TI500	
	Jetway Information Co., Ltd.	ATI Radeon 7500	
	Leadtek Research Inc.	QUADRO4 380 XGL	
	Leadtek Research Inc.	QUADRO 400NVS	
	Leadtek Research Inc.	Quadro FX330	
	Manli Technology Co., Ltd.	TNT2M64/32S	
	Seethru	GeForce FX 5800 CH	
	XFX	GeForce2 MX400	

continued

* Other names and brands may be claimed as the property of others.

Table 7. Reference List for Red Flag Linux Desktop (continued)

DISTRIBUTION: Red Flag Linux Desktop 4.1

DEVICE CATEGORY: Audio

The RFLDT 4.1 audio configuration utility provides an extensive list of supported audio adapters. Execute the following commands to view the list of supported audio adapters from the default KDE desktop: 开始＝》设置＝》控制面板＝》声卡＝》下一步，现在您可已选择合适的显示声卡型号.

The following table contains a partial list of supported audio adapters listed in the RFLDT 4.1 audio configuration utility. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
Audio	C-Media Electronics Inc.	CM8738A/B	
	ESS Technology, Inc.	1968/1978(Maestro-2e)	
	ESS Technology, Inc.	1983/1988 Audio Accelerator	
	ESS Technology, Inc.	ES1969 Solo-1	
	Realtek Semiconductor, Inc.	ALC880D HD Audio (MB Integrated)	
	Silicon Integrated Systems Corp.	630/730/650/651chipset Audio(MB Integrated)	
	Trident Microsystems, Inc.	4D Wave	
	Viatech Technologies, Inc.	VT8233 AC97	
	Viatech Technologies, Inc.	VT82c686 AC97	
	Yamaha Corporation of America	YMF-724F	

continued

* Other names and brands may be claimed as the property of others.

Table 7. Reference List for Red Flag Linux Desktop (continued)

DISTRIBUTION: Red Flag Linux Desktop 4.1

DEVICE CATEGORY: Printer

The RFLDT 4.1 printer configuration utility provides an extensive list of supported printers. Execute the following commands to view the list of supported printers from the default KDE desktop: 开始＝》设置＝》控制面板＝》打印机配置＝》添加打印机＝》添加打印机向导＝》下一步＝》选择合适的打印机类型＝》下一步＝》选择合适的打印机端口＝》下一步，现在您可以选择合适的打印机。

The following table contains a partial list of supported printers listed in the RFLDT 4.1 printer configuration utility. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
Printer	EPSON America Inc.	C43UX	
	EPSON America Inc.	EPL 5800L	
	EPSON America Inc.	EPL 6100L	
	EPSON America Inc.	LQ- 1600k	
	Hewlett-Packard Development Company, L.P.	LaserJet 1010	
	Hewlett-Packard Development Company, L.P.	LaserJet 1012	
	Hewlett-Packard Development Company, L.P.	LaserJet 1015	
	Hewlett-Packard Development Company, L.P.	LaserJet 4050	
	Hewlett-Packard Development Company, L.P.	LaserJet 4200dtn	
	Hewlett-Packard Development Company, L.P.	LaserJet 5100SE	

continued

* Other names and brands may be claimed as the property of others.

Table 7. Reference List for Red Flag Linux Desktop (continued)

DISTRIBUTION: Red Flag Linux Desktop 4.1

DEVICE CATEGORY: Scanner

RFLDT 4.1 uses SANE (Scanner Access Now Easy) version 1.0.14 packages to provide scanner support. For a list of scanners supported by SANE version 1.0.14, refer to: http://www.sane-project.org/sane-backends-1.0.14.html

The following table contains a partial list of scanners supported by SANE version 1.0.14. For the complete list, refer to the link shown above.

Category	Company	Model	Comments
Scanner	Agfa-Geveart Group	Snapscan 1236	
	Epson America Inc.	GT15000	
	Epson America Inc.	Perfection 2400 Photo	
	Epson America Inc.	Perfection 3200 Photo	
	Epson America Inc.	Perfection 4870 Photo	
	Microtek International, Inc.	Artixscan DI 1210	
	Microtek International, Inc.	Artixscan DI 2010S	
	Microtek International, Inc.	Scanmaker 9800XL	
	Microtek International, Inc.	XT1000	
	Thunis	F18A	

continued

* Other names and brands may be claimed as the property of others.

Table 7. Reference List for Red Flag Linux Desktop (continued)

DISTRIBUTION: Red Flag Linux Desktop 4.1

DEVICE CATEGORY: USB Web Cameras & Digital Cameras

RFLDT 4.1 provides several digital camera-enabled software applications that support an extensive list of digital cameras. Execute the following commands to see a complete list of digital cameras supported by the 'digikam' photo application: **开始＝》应用程序＝》图像＝》Digikam＝》Settings＝》Configure＝》Digikam Cameras＝》Add, 现在您可以选择合适的数码相机.**

The following table contains a partial list of digital cameras supported by 'digikam' photo application supplied with RFLDT 4.1. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
USB Web Cameras & Digital Cameras	Huibao	Bu-Jian-Bu-Shang 500	
	Shenzhen Kinstone Digital Science Technologies Co., Ltd.	KS-1669	
	LongWeiYiKang	UGR Garfield	
	Telcast	WE-MK08-G35A12R	
	Usblong	LY-05	
	Webeye	V2000	
	Webeye	V3000	
	Eastman Kodak Company	7310 DC	
	Olympus Imaging America Inc.	D-510 DC	
	Olympus Imaging America Inc.	Zoom 5000 DC	
	Sony Corporation of America	DSC-P5 DC	

continued

* Other names and brands may be claimed as the property of others.

Table 7. Reference List for Red Flag Linux Desktop (continued)

DISTRIBUTION: Red Flag Linux Desktop 4.1

DEVICE CATEGORY: USB Flash Drives and Storage

USB storage devices (such as USB flash drives and USB hard disk drives) should be supported without the need for additional drivers.

The following table contains a partial list of USB flash and storage drives that should be compatible with RFLDT 4.1.

Category	Company	Model	Comments
USB Flash Drives and Storage	aigo	I-Stick USB Flash Drive	
	aigo	Storage King USB Hard Disk	
	aigo	UF-E100S USB Flash Drive	
	aigo	UF-F115 USB Flash Drive	
	aigo	UF-P202S USB Flash Drive	
	aigo	UF-U USB Flash Drive	
	aigo	YLI-128M	
	Netac Technology Co., Ltd.	ODFV2 USB1.1 USB Flash Drive	
	Netac Technology Co., Ltd.	U210 USB2.0 USB Flash Drive	
	OME	MP3 & Flash Disk 64M	

CS2C NeoShine Linux Desktop

The following table lists the components that should have driver support included in China Standard Software Co., Ltd. (CS2C) NeoShine Linux Desktop 2.0.1. Compatibility with Intel desktop boards has not been validated by Intel.

Table 8. Reference List for CS2C NeoShine Linux Desktop

DISTRIBUTION: CS2C NeoShine Linux Desktop 2.0.1

DEVICE CATEGORY: LAN

The CS2C NSLDT 2.0.1 network configuration utility contains a extensive list of supported LAN adapters. Execute the following commands to view the list of supported LAN adapters from the default GNOME desktop: 启动＝》设置＝》控制面板＝》网络＝》网络设置＝》新建连接＝》以太网连接＝》前进＝》其它以太网卡＝》前进＝》适配器，点击向下箭号则可以显示网络卡表

Refer to the Users Manual for information on the NSLDT 2.0.1 network configuration utility.

The following table contains a partial list of the LAN adapters listed in the NSLDT 2.0.1 network configuration utility. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
LAN	3Com Corporation	3C905B	
	Digital China Holdings Limited	D-Link 528	
	D-Link Systems, Inc.	DFE-550TX	
	ECOM	EN-539TX-D	
	ECOM	EN-669GT	
	TP-LINK Technologies Co., Ltd.	TF-3239D	
	TP-LINK Technologies Co., Ltd.	TF-3239DL	
	TP-LINK Technologies Co., Ltd.	TG-6421	
	Wisenet	WN-310TX	
	Wisenet	WN-530TX	

continued

* Other names and brands may be claimed as the property of others.

Table 8. Reference List for CS2C NeoShine Linux Desktop (continued)

DISTRIBUTION: CS2C NeoShine Linux Desktop 2.0.1

DEVICE CATEGORY: Modem

See the Core Compatibility List section of this document for a list of modems that have been verified to be compatible with this distribution.

All external modems connected using an RS-232 serial port should work. This includes external ISDN adapters although some of the extended features of external ISDN adapters (such as multilink) may or may not work.

Internal modems and USB modems may have Linux drivers available. The Linux Hardware HOWTO contains information and links to various resources to help determine if a modem is supported. Refer to: http://en.tldp.org/HOWTO/Hardware-HOWTO/modems.html

DISTRIBUTION: CS2C NeoShine Linux Desktop 2.0.1

DEVICE CATEGORY: Video

The CS2C NSLDT 2.0.1 video configuration utility provides an extensive list of supported video adapters and monitors. Execute the following commands to view the list of supported video adapters from the default GNOME desktop: **启动＝》设置＝》控制面板＝》观感＝》屏幕分辨率＝》属性配置＝》设置＝》高级＝》适配器＝》配置，便能看到视频卡列表.**

Refer to the Users Manual for information on the NSLDT 2.0.1 video configuration utility.

The following table contains a partial list of the video adapters listed in the NSLDT 2.0.1 video configuration utility. For the complete list, execute the commands listed above.

Category	Company	Model	Comments
Video	ASUSTek Computer Inc.	Extreme N6800	
	ASUSTek Computer Inc.	V9999GE	
	ELSA Technology Inc.	SYNERGYIII Quadro2 MXR	
	Ennyah Technology corp.	GeForce4 MX440SE	
	Micro-Star Int'l Co.,Ltd.	FX5200-TD128(MS-8911)	
	Micro-Star Int'l Co.,Ltd.	FX5700-TD	
	Onda	ONDATA 6600GT	
	Prolink Computer Inc.	Riva TNT2 M64	
	XFX	GeForce4 MX400	
	XFX	5200(PCI)-(T64K-NTF)	

continued

* Other names and brands may be claimed as the property of others.

Table 8. Reference List for CS2C NeoShine Linux Desktop (continued)

DISTRIBUTION: CS2C NeoShine Linux Desktop 2.0.1

DEVICE CATEGORY: Audio

The CS2C NSLDT 2.0.1 audio configuration utility provides an extensive list of supported audio adapters. Execute the following commands to view the list of supported audio adapters from the default GNOME desktop: 启动＝》设置＝》控制面板＝》声音＝》声卡检测＝》声卡配置＝》手动配置, 则弹出一个对话框。您可以在列表中选择合适的声卡型号。

The following table contains a partial list of supported audio adapters listed in the NSLDT 2.0.1 audio configuration utility list. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
Audio	Creative Technology, Ltd.	CT2518	
	Creative Technology, Ltd.	CT5880	
	Creative Technology, Ltd.	Vibra 128	
	C-Media Electronics Inc.	CMI8738	
	Maya	Maya Pro	
	Mediatek Corp.	He-Shi-Bi DVD2	
	Pine (Song-Jing)	PT-2626	
	Togotek	BlackGold 5.1 Value Fine	
	TRIPLEX Electronic Co., LTD.	CT-2518	
	TRIPLEX Electronic Co., LTD.	Hot Chilli PCI Audio Effect Card Enhanced Version(Solo-1E)	

continued

* Other names and brands may be claimed as the property of others.

Table 8. Reference List for CS2C NeoShine Linux Desktop (continued)

DISTRIBUTION: CS2C NeoShine Linux Desktop 2.0.1

DEVICE CATEGORY: Printer

The CS2C NSLDT 2.0.1 printer configuration utility provides an extensive list of supported printers. Execute the following commands to view the list of supported printers from the default GNOME desktop: 启动＝》设置＝》控制面板＝》打印机配置＝》新打印机＝》选择正确的打印机位置＝》前进＝》打印机选择＝》指定端口使用其他打印机＝》前进, 则可以显示打印机详情窗口。现在您可已选择合适的打印机制造商。

The following table contains a partial list of supported printers listed in the NSLDT 2.0.1 printer configuration utility. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
Printer	EPSON America Inc.	LQ-590K	
	EPSON America Inc.	LQ-635K	
	EPSON America Inc.	LQ-670K+T	
	Hewlett-Packard Development Company, L.P.	LaserJet 2100	
	Hewlett-Packard Development Company, L.P.	LaserJet 6L Gold	
	Lenovo	M610	
	Lenovo	M820	
	Lenovo	M7200	
	Samsung	ML-1750	
	Samsung	ML-1710P	

continued

* Other names and brands may be claimed as the property of others.

Table 8. Reference List for CS2C NeoShine Linux Desktop (continued)

DISTRIBUTION: CS2C NeoShine Linux Desktop 2.0.1

DEVICE CATEGORY: Scanner

The CS2C NSLDT 2.0.1 uses SANE (Scanner Access Now Easy) version 1.0.14 packages to provide scanner support. For a list of scanners supported by SANE version 1.0.14, refer to: http://www.sane-project.org/sane-backends-1.0.14.html

The following table contains a partial list of scanners that can be supported by SANE version 1.0.14. For the complete list, refer to the link shown above.

Category	Company	Model	Comments
Scanner	CANON Inc.	CanoScan LiDE 30	
	CANON Inc.	LiDE 35	
	EPSON America Inc.	Perfection 1200U	
	EPSON America Inc.	Perfection 1260 Photo	
	EPSON America Inc.	Perfection 1670	
	Fujitsu	FI-4120C	
	Hewlett-Packard Development Company, L.P.	Scanjet 2200C	
	Hewlett-Packard Development Company, L.P.	Scanjet 2400	
	Hewlett-Packard Development Company, L.P.	Scanjet 3670	
	Hewlett-Packard Development Company, L.P.	Scanjet 3970	

continued

* Other names and brands may be claimed as the property of others.

Table 8. Reference List for CS2C NeoShine Linux Desktop (continued)

DISTRIBUTION: CS2C NeoShine Linux Desktop 2.0.1

DEVICE CATEGORY: USB Web Cameras and Digital Cameras

The CS2C NSLDT 2.0.1 provides several digital camera-enabled software applications with support for an extensive list of digital cameras. Execute the following commands to see a complete list of digital cameras supported by the 'gtkam' photo application from the GNOME Desktop: 启动＝》应用程序＝》多媒体＝》数码相机浏览器＝》照相机＝》添加相机＝》型号, 然后点击向下箭号则可以显示相机型号表.

The following table illustrates a partial list of digital cameras that can be supported by the 'gtkam' photo application supplied with NSLDT 2.0.1. For the complete list, execute the commands shown above.

Category	Company	Model	Comments
USB Web Cameras and Digital Cameras	Logitech	QuickCam Messenger	
	Logitech	QuickCam Pro4000	
	Logitech	QuickCam Sphere	
	Logitech	QuickCam Zoom	
	Webeye	V3000	
	JVC Americas Corp	GR-DX77AC DV	
	Nikon Inc.	Coolpix 3700 DC	
	Olympus Imaging America Inc.	C-700 DC	
	Samsung	VP-D24i DV	
	Sony Corporation of America	DSC-S50 DC	

continued

* Other names and brands may be claimed as the property of others.

Table 8. Reference List for CS2C NeoShine Linux Desktop (continued)

DISTRIBUTION: CS2C NeoShine Linux Desktop 2.0.1

DEVICE CATEGORY: USB Flash Drives and Storage

USB storage devices (such as USB flash drives and USB hard disk drives) should be supported without the need for additional drivers.

The following table contains a partial list of USB flash drives that should be compatible with NSLDT 2.0.1.

Category	Company	Model	Comments
USB Flash Drives and Storage	Aigo	UF-F115 USB Flash Drive	
	Aigo	UF-U USB Flash Drive	
	Aigo	UF-E100S USB Flash Drive	
	Aigo	I-Stick USB Flash Drive	
	BenQ America Corp.	DW800A DVD	
	Netac Technology Co., Ltd.	U300	
	Newman	V11 USB Flash Drive	
	Newman	M USB Flash Drive	
	Sony Corporation of America	DRX-710UL DVD	
	Teclast	CF128/256/512/1GB NJO-B2 USB Flash Drive	

continued

* Other names and brands may be claimed as the property of others.

Table 8. Reference List for CS2C NeoShine Linux Desktop (continued)

DISTRIBUTION: CS2C NeoShine Linux Desktop 2.0.1

DEVICE CATEGORY: USB Keyboards & Mice

The CS2C NSLDT 2.0.1 provides out-of-the-box support for UCHI/EHCI USB controllers integrated into Intel® chipsets. No additional drivers are required for basic USB devices such as USB HID devices (USB mice and USB keyboards).

All USB keyboards and mice should work correctly with NSLDT 2.0.1. The following table contains examples of USB keyboards and mice that should work correctly.

Category	Company	Model	Comments
USB Keyboards & Mice	A4Tech Co., Ltd.	Shuang－fei－yan KBS-5 Keyboard	
	A4Tech Co., Ltd.	Shuang－fei－yan MOP-18 USB Mouse	
	A4Tech Co., Ltd.	Shuang－fei－yan SWOP-26 Mouse	
	A4Tech Co., Ltd.	Shuang－fei－yan SWW-25 Mouse	
	Logitech	MX 510 Optical Mouse	
	Logitech	MX 510 Performance Optical Mouse	
	Logitech	Optical Mouse Black	
	Microsoft Corporation	Basic Optical Mouse	
	Microsoft Corporation	Wheel Mouse Optical	
	Teclast	B803W Keyboard	